

CLAIMS

- 1 1. A tray for supporting a planter, comprising:
2 a) a bottom having an upper surface and a lower
3 surface;
4 b) one or more side walls extending upwardly from the
5 bottom of the tray to form a container; and
6 c) a drain having an opening formed in said tray, at
7 least a portion of the drain opening positioned at or
8 below the level of the upper surface of the bottom of the
9 tray.
- 1 2. The tray of Claim 1 wherein said upper surface
2 slopes downward toward said drain.
- 1 3. The tray of Claim 1 wherein said bottom has at
2 least one raised surface for supporting a planter above said
3 upper surface.
- 1 4. The tray of Claim 1 wherein the tray is formed of
2 a substantially waterproof material.
- 1 5. The tray of Claim 1 wherein the waterproof
2 material selected from the group comprising polypropylene,
3 polyurethane, polycarbonate, or UBS plastic.
- 1 6. The tray of Claim 1 wherein the tray is provided
2 with a fitting at said exit for connecting a drainage tube.
- 1 7. The tray of Claim 6 wherein said drainage tube has
2 a generally planar lower surface and a generally curved
3 upper surface, said upper surface having a low profile, and
4 said drainage tube having a hollow passageway for conducting
5 water away from said tray.

- 1 8. A tray for supporting a planter, comprising:
2 a) a bottom having an upper surface and a lower
3 surface;
4 b) one or more side walls extending upwardly from the
5 bottom of the tray to form a container;
6 c) a drain formed in said tray, through the bottom of
7 the tray, said upper surface sloping downward toward said
8 drain;
9 d) a passageway through the bottom of the tray
10 connecting said drain to an exit in the side of the bottom
11 of the tray; and
12 e) at least one raised surface extending from the
13 bottom of the tray for supporting the planter above the
14 upper surface of the tray bottom.
- 1 9. The tray of Claim 8 wherein said upper surface
2 slopes downward toward said drain.
- 1 10. The tray of Claim 8 wherein said bottom has at
2 least one raised surface for supporting a planter above said
3 upper surface.
- 1 11. The tray of Claim 8 wherein the tray is formed of
2 a substantially waterproof material.
- 1 12. The tray of Claim 8 wherein the waterproof
2 material selected from the group comprising polypropylene,
3 polyurethane, polycarbonate, or UBS plastic.
- 1 13. The tray of Claim 8 wherein the tray is provided
2 with a fitting at said exit for connecting a drainage tube.

1 14. The tray of Claim 13 wherein said drainage tube
2 has a generally planar lower surface and a generally curved
3 upper surface, said upper surface having a low profile, and
4 said drainage tube having a hollow passageway for conducting
5 water away from said tray.

1 15. A tray for supporting a planter, comprising:
2 a) a bottom having an upper surface and a lower
3 surface;
4 b) one or more side walls, extending upwardly from the
5 bottom of the tray to form a container;
6 c) a drain formed in said upper surface, at or below
7 the level of the upper surface of the bottom of the tray,
8 said upper surface sloping downward toward said drain;
9 d) a passageway connecting said drain to an exit; and
10 e) at least one raised surface for supporting the
11 planter above the upper surface of the bottom of the tray.

1 16. The tray of Claim 15 wherein said upper surface
2 slopes downward toward said drain.

1 17. The tray of Claim 15 wherein said bottom has at
2 least one raised surface for supporting a planter above said
3 upper surface.

1 18. The tray of Claim 15 wherein the tray is formed of
2 a substantially waterproof material.

1 19. The tray of Claim 15 wherein the waterproof
2 material selected from the group comprising polypropylene,
3 polyurethane, polycarbonate, or UBS plastic.

1 20. The tray of Claim 15 wherein the tray is provided
2 with a fitting at said exit for connecting a drainage tube.

1 21. The tray of Claim 20 wherein said drainage tube
2 has a generally planar lower surface and a generally curved
3 upper surface, said upper surface having a low profile, and
4 said drainage tube having a hollow passageway for conducting
5 water away from said tray.

1 22. A planter, comprising:

2 a) a bottom having an upper surface and a lower
3 surface;

4 b) one or more side walls extending upwardly from the
5 bottom of the planter to form a container;

6 c) a drain forming an opening in said upper surface,
7 said upper surface sloping downward toward said drain;

8 d) a passageway through the bottom of the planter
9 connecting said drain opening to an exit in the side of
10 the bottom of the planter; and

11 e) at least one raised surface extending upwardly from
12 the bottom of the tray for supporting the planter above
13 the upper surface of the tray bottom.

1 23. A planter, comprising:

2 a) a bottom having an upper surface and a lower
3 surface;

4 b) one or more side walls extending upwardly from the
5 bottom of the planter to form a container;

6 c) a drain formed in said upper surface, at or below
7 the level of the upper surface of the bottom of the
8 planter, said upper surface sloping downward toward said
9 drain; and

10 d) a passageway connecting said drain to an exit in
11 the side of the bottom of the planter.

1 24. A planter, comprising:

2 a) a bottom having an upper surface and a lower
3 surface;

4 b) one or more side walls extending upwardly from the
5 bottom of the planter to form a container;

6 c) a drain formed in said upper surface, through the
7 bottom of the planter;

8 d) a passageway connecting said drain to an exit in
9 the side of the bottom of the planter; and

10 e) a false bottom supported above said bottom of the
11 planter, said false bottom having a drain hole formed
12 therein.

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1 25. A planter system, comprising:

2 a) a planter having a bottom and one or more side
3 walls extending upwardly from the bottom of the tray to
4 form a container, said bottom of the planter having at
5 least one drain hole formed therein; and

6 b) a tray for supporting said planter, said tray
7 comprising:

8 i) a bottom having an upper surface and a lower
9 surface;

10 ii) one or more side walls extending upwardly from the
11 bottom of the tray to form a container;

12 iii) a drain formed in said tray, through the bottom of
13 the tray, said upper surface sloping downward toward
14 said drain;

- 15 iv) a passageway through the bottom of the tray
16 connecting said drain to an exit in the side of the
17 bottom of the tray; and
18 v) at least one structure for supporting the planter
19 above the upper surface of the bottom of the tray.

20 26. A drainage tube system, comprising:

21 one or more drainage tubes, said drainage tubes having
22 a generally planar lower surface and a generally curved
23 upper surface, said upper surface having a low profile, and
24 said drainage tube having a hollow passageway for conducting
25 water.

26 27. The drainage tube system of Claim 26, wherein said
27 drainage tubes have a second hollow passageway for
28 conducting water.

29 28. An irrigation system, comprising one or more
30 drain/supply tubes, said drain/supply tubes having a
31 generally planar lower surface and a generally curved upper
32 surface, said upper surface having a low profile, and said
33 drainage tube having a first hollow passageway for
34 conducting water away from a planter, and a second hollow
35 passageway for conducting water towards a planter.